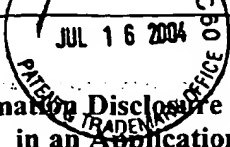


PTO-1449		JUL 16 2004		Application No. 09/833,016		Applicant(s) Shilin Chen	
Information Disclosure Citation In an Application				Docket Number 074263.0238		Group Art Unit 2128	
						Filing Date April 10, 2001	
<b>U.S. PATENT DOCUMENTS</b>							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
7/28	A.	1,209,299	12/19/1916	Hughes	--	--	--
	B.	1,263,802	04/23/1918	Reed	--	--	--
	C.	1,394,769	10/25/1921	Sorensen	--	--	--
	D.	2,117,679	05/17/1938	Reed	225	71	12/27/1935
	E.	2,122,759	07/05/1938	Scott	225	71	07/16/1936
	F.	2,132,498	10/11/1938	Smith	225	71	07/22/1936
	G.	2,165,584	07/11/1939	Smith	225	71	07/22/1936
	H.	2,230,569	02/04/1941	Howard et al.	225	71	12/20/1939
	I.	2,851,253	09/09/1958	Boice et al.	255	347	04/27/1954
	J.	4,056,153	11/01/1977	Miglierini	175	376	07/16/1976
	K.	4,187,922	02/12/1980	Phelps	175	374	05/12/1978
	L.	4,334,586	06/01/1982	Schumacher	175	374	06/05/1980
	M.	4,343,371	08/01/1982	Baker III, et al.	175	329	04/28/1980
	N.	4,393,948	07/01/1983	Fernandez	175	374	04/01/1981
	O.	4,627,276	12/09/1986	Burgess et al.	73	151	12/27/1984
	P.	4,815,342	03/28/1989	Brett et al.	76	108	03/28/1989
	Q.	5,010,789	04/30/1991	Brett et al.	76	108.2	10/06/1989
	R.	5,216,917	06/01/1993	Detournay	73	151	07/11/1991
	S.	5,305,836	04/04/1994	Holbrook et al.	175	39	04/08/1992
	T.	5,311,958	05/17/1994	Isbell et al.	175	341	09/23/1992
	U.	5,415,030	05/16/1995	Jogi et al.	73	151	04/08/1994
	V.	5,605,198	02/25/1997	Tibbitts et al.	175	432	04/28/1995
	W.	5,767,399	06/01/1998	Smith et al.	73	152.11	03/25/1996
	X.	5,813,485	09/29/1998	Portwood	175	430	06/21/1996
	Y.	6,095,262	08/01/2000	Chen	175	57	08/31/1999
	Z.	6,142,247	11/07/2000	Chen	175	340	07/19/1996
<b>RECEIVED</b>							
EXAMINER				JUL 21 2004		DATE CONSIDERED	
				Technology Center 2100		11/20/04	
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PTO-1449		Application No. 09/833,016	Applicant(s) Shilin Chen	
		Docket Number 074263.0238	Group Art Unit 2128	Filing Date April 10, 2001

**Information Disclosure Citation  
in an Application**

**U.S. PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
78	A.	6,241,034	06/01/2001	Steinke et al.	175	331	09/03/1998
	B.	6,374,930	04/23/02	Singh et al.	175	374	06/08/2000
	C.	6,401,839	06/01/2002	Chen	175	57	03/10/2000
	D.	6,516,293	02/04/2003	Huang et al.	703	10	03/13/2000
	E.	6,527,068	03/01/2003	Singh et al.	175	431	08/16/2000
	F.	6,533,051	03/18/2003	Singh et al.	175	371	09/07/1999
	G.	2004/0045742 A1	03/11/2004	Chen	175	374	03/08/2003
78	H.	2004/0104053 A1	06/03/2004	Chen	175	341	03/08/2003

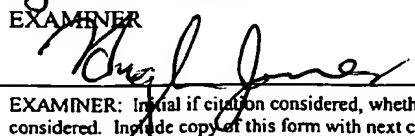
**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
78	I.	SU 1654515 A1	03/29/1988	SU	E21B	10/16	X	
	J.	SU 1691497 A1	05/30/1988	SU	E21B	10/16	X	
	K.	EP 0384734 A1	08/29/1990	EPO	E21B	10/46	X	
78	L.	GB 2241266 A	08/28/1991	GB	E21B	10/46	X	

**NON-PATENT DOCUMENTS (Including Author, Title, Source, and Pertinent Pages)**

	M.	Russian bit catalog listing items "H 190,5 T-HB-1" and "III 109,5 TKZ-UH", (prior 1997) <i>no page #s</i> <i>no translation</i>					
78	N.	L.E. Hibbs, Jr., et al, <i>Diamond Compact Cutter Studies for Geothermal Bit Design</i> , (Nov. 1978) <i>no page #s</i>					
78	O.	M.C. Sheppard, et al., "Forces at the Teeth of A Drilling Rollercone Bit: Theory and Experiment", Proceedings: 1988 SPE Annual Technical Conference and Exhibition; Houston, TX, USA, Oct. 2-5, 1988, Vol. DELTA, 1988, pp 253-260 (18042), XP002266080, Soc Pet Eng AIME Pap, Publ by Soc of Petroleum Engineers of AIME, Richardson, TX, USA (1988)					
78	P.	Adam T. Bourgoynne Jr et. al., "Applied Drilling Engineering", Society of Petroleum Engineers Textbook Series (1991) <i>no page #s</i>					
78	Q.	J. P. Nguyen, "Oil and Gas Field Development Techniques: Drilling" (translation 1996, from French original 1993) <i>no page #s</i>					
78	R.	T.M. Warren, et al., "Drag-Bit Performance Modeling", SPE Drill Eng., Vol. 4, No. 2, pp 119-123 (15618), XP002266079 (1989) <i>no page #s</i>					
78	S.	"Making Hole", part of Rotary Drilling Series, edited by Charles Kirkley (1983) <i>no page #s</i> <i>unit II only</i>					
78	T.	T.M. Warren, "Factors Affecting Torque for a Roller Cone Bit", JPT J PET Technol, Vol. 36, No. 10, pp 1500-1508 (1984) <i>no page #s</i> <i>lesson 1</i>					
78	U.	"Drilling Mud", part of Rotary Drilling Series, edited by Charles Kirkley (1984) <i>no page #s</i> <i>unit II only</i>					
78	V.	H.G. Benson, "Rock Bit Design, Selection and Evaluation", presented at the spring meeting of the pacific coast district, American Petroleum Institute, Division of Production, Los Angeles, May, 1956					

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11/20/04

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*unit II only*  
*lesson 1*

PTO-1449		Application No. 09/833,016		Applicant(s) Shilin Chen	
Information Disclosure Citation in an Application		Docket Number 074263.0238		Group Art Unit 2128	Filing Date April 10, 2001
<b>U.S. PATENT DOCUMENTS</b>					
	DOCUMENT NO.	DATE	NAME	CLASS	FILING DATE
	A.				
<b>NON-PATENT DOCUMENTS (Continued)</b>					
	B.		J.C. Estes, "Selecting the Proper Rotary Rock Bit", Journal of Petroleum Technology, Nov., 1971, pp1359-1367		
	C.		D.K. Ma, "A New Method of Description of Scraping Characteristics of Roller Cone Bit", Petroleum Machinery, July, 1988 (English Translation with original Chinese version attached)		
	D.		Wilson C. Chin, "Wave Propagation in Petroleum Engineering" (1994)		
	E.		Sikarskie, et al., "Penetration Problems in Rock Mechanics", ASME Rock Mechanics Symposium, 1973		
	F.		Dykstra, et. al., "Experimental Evaluations of Drill String Dynamics", SPE 28323, 1994		
	G.		Kenner and Isbell, "Dynamic Analysis Reveals Stability of Roller Cone Rock Bits", SPE 28314, 1994		
	H.		Brochure entitled "Twist & Shout", (SB2255.1001), 4 pages		
	I.		B.L. Steklyanov, et al., "Improving the Effectiveness of Drilling Tools", Series KhM-3, Oil Industry Machine Building, pub. Central Institute for Scientific and Technical Information and Technical and Economic Research on Chemical and Petroleum Machine Building. Tsintikhimneftemash, Moscow, 1991 (translated from Russian)		
<b>LITIGATION DOCUMENTS</b>					
	J.		Plaintiff's Original Complaint for Patent Infringement and Jury Demand, filed September 6, 2002 in the United States District Court for the Eastern District of Texas, Sherman Division, Civil Action No. 4-02CV269, <i>Halliburton Energy Services, Inc. v. Smith International, Inc.</i> , 4 pages		09/06/2002
	K.		Answer and Counterclaim of Smith International, filed March 14, 2003, in the United States District Court for the Eastern District of Texas, Sherman Division, Civil Action No. 4-02CV269, <i>Halliburton Energy Services, Inc. v. Smith International, Inc.</i> , 6 pages		03/14/2003
	L.		Response of Plaintiff and Counterclaim Defendant to Defendant's Counterclaim of Declaratory Judgment, filed April 3, 2003, in the United States District Court for the Eastern District of Texas, Sherman Division, Civil Action No. 4-02CV269, <i>Halliburton Energy Services, Inc. v. Smith International, Inc.</i> , 3 pages		04/03/2003
	M.		First Amended Answer and Counterclaim of Smith International, filed October 9, 2003, in the United States District Court for the Eastern District of Texas, Sherman Division, Civil Action No. 4-02CV269, <i>Halliburton Energy Services, Inc. v. Smith International, Inc.</i> , 8 pages		10/09/2003
	N.		Memorandum Opinion of Judge Davis, signed February 13, 2004, in the United States District Court for the Eastern District of Texas, Sherman Division, Civil Action No. 4-02CV269, <i>Halliburton Energy Services, Inc. v. Smith International, Inc.</i> , 37 pages (including fax coversheet)		02/19/2004
	O.				
EXAMINER		JUL 21 2004		DATE CONSIDERED	
Technology Center 2100				11/20/04	
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AUS01:341770.1

PTO-1449 AUG 30 2004 INFORMATION DISCLOSURE CITATION In an Application	Application No. 09/833,016		Applicant(s) Shilin Chen
	Docket Number 074263.0238	Group Art Unit 2128	Filing Date April 10, 2001

## U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A.	1,209,299	12/19/1916	Hughes	--	--	--
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C.	1,394,769	10/25/1921	Sorensen	--	--	--
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H.	2,230,569	02/04/1941	Howard et al.	225	71	12/20/1939
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J.	4,056,153	11/01/1977	Miglierini	175	376	07/16/1976
K.	4,187,922	02/12/1980	Phelps	175	374	05/12/1978
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Y.	6,095,262	08/01/2000	Chen	175	57	08/31/1999
Z.	6,142,247	11/07/2000	Pessier	175	340	07/19/1996

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*A. Jones*

DATE CONSIDERED


*11/20/04*

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*identical to 1D508**7/16/04*

PTO-1449		Application No. 09/833,016		Applicant(s) Shilin Chen			
Information Disclosure Citation in an Application		Docket Number 074263.0238		Group Art Unit 2128	Filing Date April 10, 2001		
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	B.	6,374,930	04/23/02	Singh et al.	175	374	06/08/2000
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	D.	6,516,293	02/04/2003	Huang et al.	703	10	03/13/2000
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	F.	6,533,051	03/18/2003	Singh et al.	175	371	09/07/1999
	G.	2004/0045742 A1	03/11/2004	Chen	175	374	03/08/2003
	H.	2004/0104053 A1	06/03/2004	Chen	175	341	03/08/2003
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	P.	Adam T. Bourgoyne Jr et. al., " <i>Applied Drilling Engineering</i> ", Society of Petroleum Engineers Textbook Series (1991)					
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PTO-1449

Application No.  
09/833,016Applicant(s)  
Shilin ChenInformation Disclosure Citation  
in an ApplicationDocket Number  
074263.0238Group Art Unit  
2128Filing Date  
April 10, 2001

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	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A.						

## NON-PATENT DOCUMENTS (Continued)

B.	J.C. Estes, "Selecting the Proper Rotary Rock Bit", Journal of Petroleum Technology, Nov., 1971, pp1359-1367	
C.	D.K. Ma, "A New Method of Description of Scraping Characteristics of Roller Cone Bit", Petroleum Machinery, July, 1988 (English Translation with original Chinese version attached)	
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E.	Sikarskie, et al., "Penetration Problems in Rock Mechanics", ASME Rock Mechanics Symposium, 1973	
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## LITIGATION DOCUMENTS

		DATE
J.	Plaintiffs Original Complaint for Patent Infringement and Jury Demand, filed September 6, 2002 in the United States District Court for the Eastern District of Texas, Sherman Division, Civil Action No. 4-02CV269, <i>Halliburton Energy Services, Inc. v. Smith International, Inc.</i> , 4 pages	09/06/2002
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